

MGAM Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03262-1**

Capture Antibody Information

Catalog Number: 87932-2-PBS	Clone ID: 253246G10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: maltase-glucoamylase (alpha-glucosidase)
Isotype: IgG	GenBank: NM_001365693.1	Gene ID: 8972
Purification Method: Protein A purification	Immunogen Catalog Number: Eg6430	

Detection Antibody Information

Catalog Number: 87932-1-PBS	Clone ID: 253246B11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: maltase-glucoamylase (alpha-glucosidase)
Isotype: IgG	GenBank: NM_001365693.1	Gene ID: 8972
Purification Method: Protein A purification	Immunogen Catalog Number: Eg6430	

Applications

Tested Applications: Sandwich ELISA	Range: 0.625-40 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP03262-1 targets MGAM in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MGA Recombinant monoclonal antibody, PBS Only (Capture) 87932-2-PBS (253246G10). 100 µg. Concentration 1 mg/mL.

Detection antibody: MGA Recombinant monoclonal antibody, PBS Only (Detector) 87932-1-PBS (253246B11). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

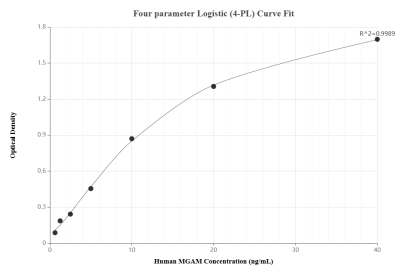
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

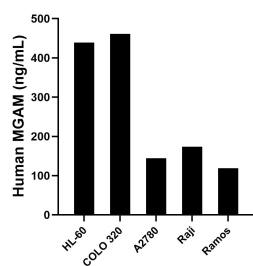
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP03262-1, Human MGAM Recombinant Matched Antibody Pair - PBS only. 87932-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6430. 87932-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean MGAM concentration was determined to be 439.00 ng/mL in HL-60 cell extract based on a 1.5 mg/mL extract load, 461.37 ng/mL in COLO 320 cell extract based on a 1.2 mg/mL extract load, 144.04 ng/mL in A2780 cell extract based on a 1.2 mg/mL extract load, 173.49 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load and 118.72 ng/mL in Ramos cell extract based on a 1.2 mg/mL extract load.